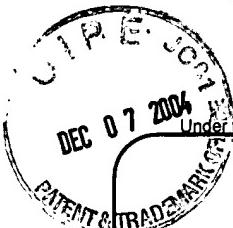


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## TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

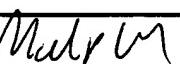
Total Number of Pages in This Submission

10

Application Number	10/829,493
Filing Date	April 22, 2004
First Named Inventor	William David Schaefer
Art Unit	2635
Examiner Name	Unknown
Attorney Docket Number	37041-11449

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached  <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input checked="" type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s) <input checked="" type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input checked="" type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers  <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund  <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Copy of Notice to File Missing Parts; Declaration; Power of Attorney; Postcard
Remarks		

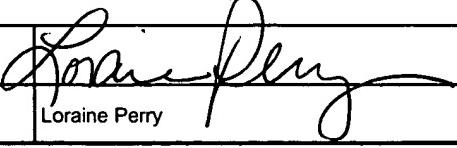
### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Jenner & Block LLP, One IBM Plaza, Chicago, IL 60611		
Signature			
Printed name	Mark P. Vrla		
Date	December 2, 2004	Reg. No.	43,973

### CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature



Typed or printed name

Lorraine Perry

Date December 2, 2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

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Effective on 10/01/2004. Patent fees are subject to annual revision.

# FEE TRANSMITTAL For FY 2005

Applicant claims small entity status. See 37 CFR 1.27

**TOTAL AMOUNT OF PAYMENT** (\$)  
**1,660.00**

## Complete if Known

Application Number	10/829,493
Filing Date	April 22, 2004
First Named Inventor	William David Schaefer
Examiner Name	Unknown
Art Unit	2635
Attorney Docket No.	37041-11449

## METHOD OF PAYMENT (check all that apply)

Check     Credit Card     Money Order

Deposit Account     None

Deposit Account Number  
**10-0460**

Deposit Account Name  
**Jenner & Block**

The Director is hereby authorized to: (check all that apply)

- Charge fee(s) indicated below
- Charge fee(s) indicated below, except for the filing fee
- Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17
- Credit any overpayments

to the above-identified deposit account.

Other (please identify): \_\_\_\_\_

**WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

## FEE CALCULATION

### 1. BASIC FILING FEE

<u>Fee Description</u>	<u>Fee (\$)</u>	<u>Small Entity Fee (\$)</u>	<u>Fee Paid(\$)</u>
Utility Filing Fee	790	395	_____
Design Filing Fee	350	175	_____
Plant Filing Fee	550	275	_____
Reissue Filing Fee	790	395	_____
Provisional Filing Fee	160	80	_____

**Subtotal (1) \$ 0.00**

## FEE CALCULATION (continued)

### 2. EXTRA CLAIM FEES

<u>Fee Description</u>	<u>Fee (\$)</u>	<u>Small Entity Fee (\$)</u>
Each claim over 20	18	9
Each independent claim over 3	88	44
Multiple dependent claims	300	150
For Reissues, each claim over 20 and more than in the original patent	18	9
For Reissues, each independent claim more than in the original patent	88	44

**Total Claims      Extra Claims      Fee (\$)**

**- 20 or HP =      x      =**  
HP = highest number of total claims paid for, if greater than 20

**Indep. Claims      Extra Claims      Fee (\$)**

**- 3 or HP =      x      =**  
HP = highest number of independent claims paid for, if greater than 3

**Multiple Dependent Claims      Fee (\$)**

**Fee (\$)**

**Subtotal (2) \$ 0.00**

### 3. OTHER FEES

<u>Fee Description</u>	<u>Fee (\$)</u>	<u>Small Entity Fee (\$)</u>	<u>Fee Paid(\$)</u>
1-month extension of time	110	55	_____
2-month extension of time	430	215	_____
3-month extension of time	980	490	_____
4-month extension of time	1,530	765	1,530
5-month extension of time	2,080	1,040	_____
Information disclosure stmt. fee	180	180	_____
37 CFR 1.17(q) processing fee	50	50	_____
Non-English specification	130	130	_____
Notice of Appeal	340	170	_____
Filing a brief in support of appeal	340	170	_____
Request for oral hearing	300	150	_____
Other: <u>Late Declaration</u>			130

**Subtotal (3) \$ 1,660.00**

## SUBMITTED BY

Signature	<i>Mark P. Vrla</i>	Registration No. (Attorney/Agent) 43,973	Telephone (312) 923-2657
Name (Print/Type)	Mark P. Vrla	Date Dec. 2, 2004	

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

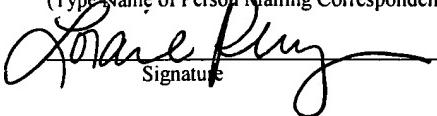
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Certificate of Mailing: I hereby certify that this correspondence is being deposited with the U.S. Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313 this 2nd day of December, 2004.

Attorney Docket No.  
37041-11449

Lorraine Perry  
(Type Name of Person Mailing Correspondence)

  
Signature

December 2, 2004  
Date

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: William David Schaefer )  
Serial No. 10/829,493 )  
Filed: April 22, 2004 )  
Group Art Unit: 2635 )  
Examiner: Unknown )  
Title: Multi-Layer Solid State Keyboard )

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

**RESPONSE TO NOTICE TO FILE MISSING PARTS**

Sir:

This paper is responsive to the Notice to File Missing Parts of Nonprovisional Application dated June 28, 2004, having a shortened statutory period for response that expired August 28, 2004. A petition under 37 F.C.R. § 1.136(a) for fourth-month extension of time and the required fee are filed herewith.

Enclosed is a copy of the Notice to File Missing Parts and a signed inventor's Declaration. Also enclosed is a Power of Attorney.

Respectfully submitted,

  
\_\_\_\_\_  
Mark P. Vrla  
Registration No. 43,973

Dated: December 2, 2004

JENNER & BLOCK LLP  
One IBM Plaza  
Chicago, IL 60611  
Ph: (312) 923-2657  
fax: (312) 840-7657



O I P E JC01  
JUN 07 2004

UNITED STATES PATENT AND TRADEMARK OFFICE

Page 1 of 2  
*#1776*

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
[www.uspto.gov](http://www.uspto.gov)

APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/829,493	04/22/2004	William David Schaefer	37041-10876A

02574  
JENNER & BLOCK, LLP  
ONE IBM PLAZA  
CHICAGO, IL 60611

CONFIRMATION NO. 6931  
FORMALITIES LETTER



\*OC000000013085166\*

Date Mailed: 06/28/2004

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

12/08/2004 SDENB0B1 00000028 100460 10829493  
01 FC:1051 130.00 DA  
FILED UNDER 37 CFR 1.53(b)

*Filing Date Granted*

**Items Required To Avoid Abandonment:**

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

**SUMMARY OF FEES DUE:**

Total additional fee(s) required for this application is **\$130** for a Large Entity

- **\$130** Late oath or declaration Surcharge.

Replies should be mailed to: Mail Stop Missing Parts  
Commissioner for Patents  
P.O. Box 1450  
Alexandria VA 22313-1450

*A copy of this notice **MUST** be returned with the reply.*

*BINH*

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE